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250 Miles Apart, Saving Lives Together: Stop Sepsis

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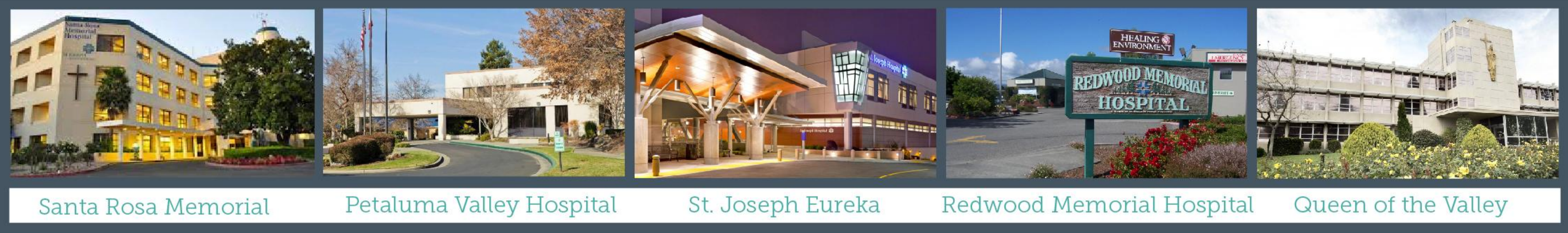
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250 MILES APART, SAVING LIVES TOGETHER: STOP SEPSIS



AIM STATEMENT

Providence St. Joseph Health (PSJH) Aim Statement for Sepsis:
All PSJH regions will achieve by 2021, top quartile performance of **0.82 Observed/Expected (O/E) Mortality** and demonstrate a **\$400 decrease in cost per case.**

To achieve the 2021 PSJH Sepsis goals, Nor-Cal Region Sepsis Objectives include the following:

1. Demonstrate the critical need for Rapid Response Teams to treat patients with changing condition.
2. Display the Regional Rounding Team best practices catapulting our ability to:
 - Standardize Screening
 - Increase order set utilization
 - Enhance documentation clarity and consistency
 - Bring continuous improvement initiatives to caregivers
3. Maximize data visualization, delivering intuitive analytics readily available and actionable

PLAN

The multi-year PSJH Sepsis project utilizes the IHI Collaborative Learning and Improvement Community (CLIC) model and broken down into three phases as outlined below:

Phase 1

Infrastructure
Data Analytics/3&6
Hr. Bundles

- Analytics Infrastructure
- CDI
- Outcomes
- Develop Plan
- 3&6 hour order set

Phase 2

Level of care/
Pt. Flow Care
Pathways
(post 6)

- Triage to floor
- Level of Care Criteria
- Patient movement through hospital

NOR CAL IS HERE ★

Phase 3

Discharge
Post
Acute

- Discharge
- End of life approach
- Working with SNF & LTAC
- Readmissions

3 Areas 3 Models

DO

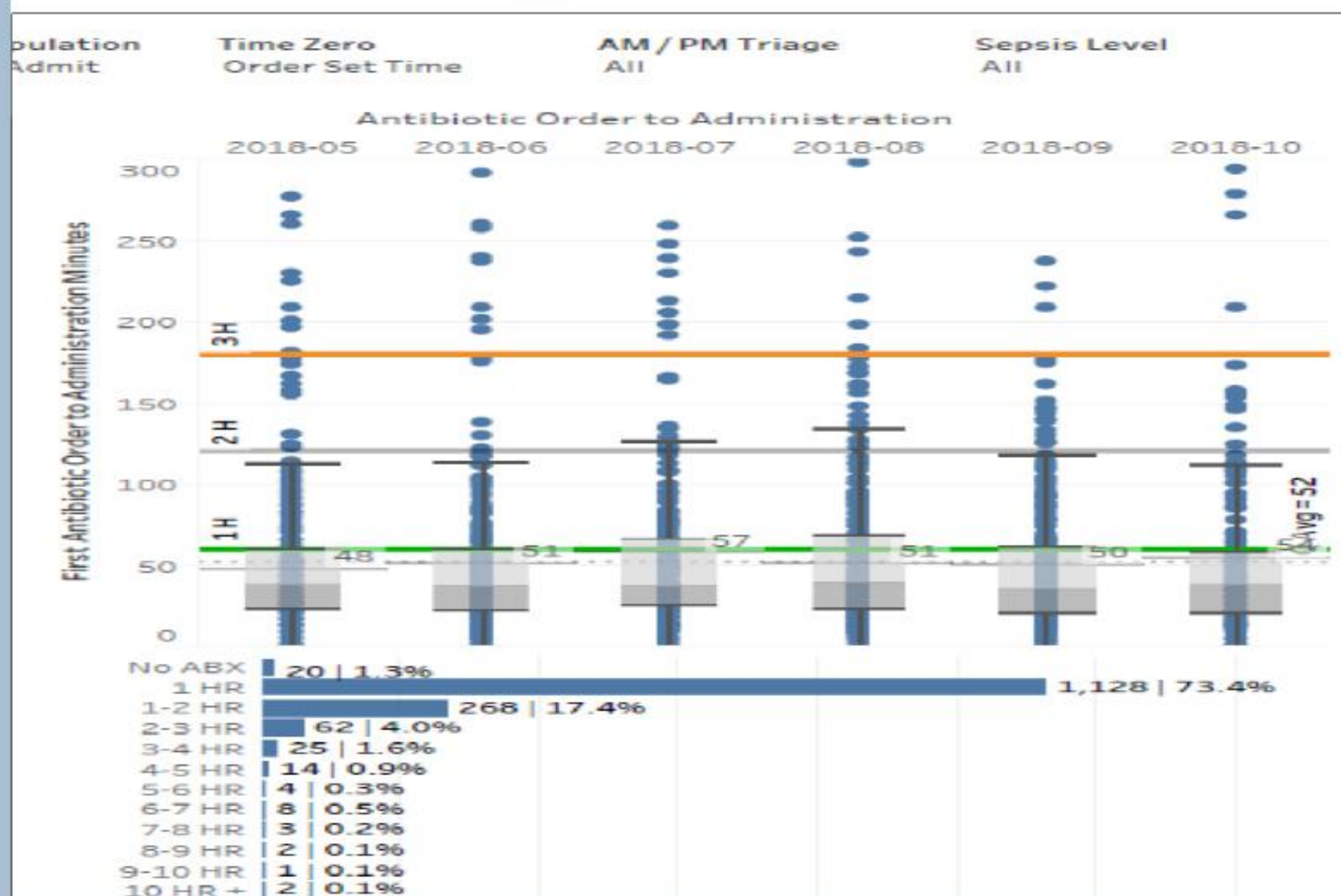
Three unique, evidence-based models for Rapid Response Teams were deployed
Our multidisciplinary teams incorporated:

- Regional Rounding
- PDSA's
- A4's
- Comparative Analytics

When Sepsis Comes Home



Northern California Region Sepsis Order Set to Antibiotic Administration - May to Oct 2018



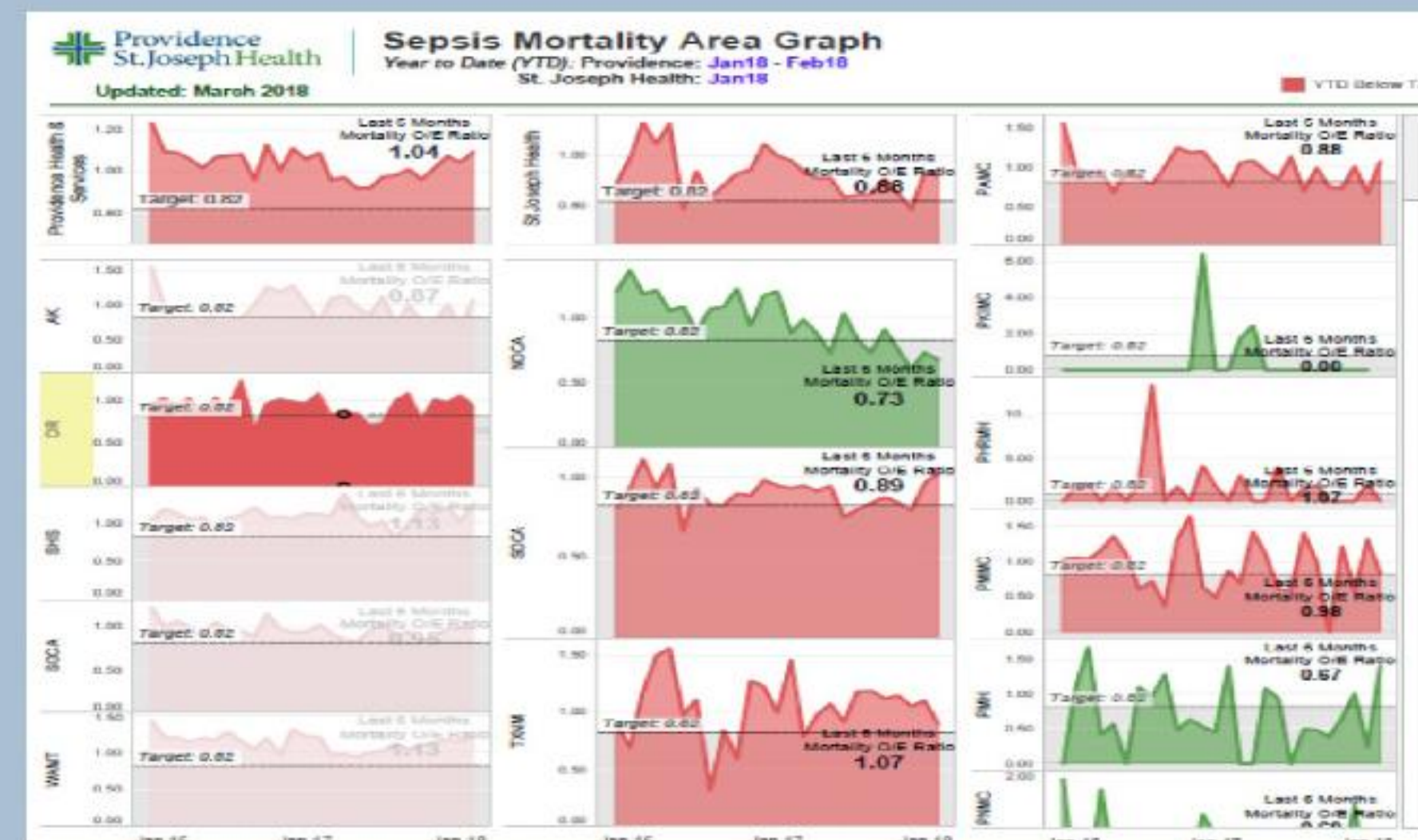
Our best learnings take place at the local ministries. Our Regional Sepsis Rounds have provided the ideal platform for teaching, learning and improving.



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STUDY

Incorporating the IHI Science of Improvement our **Regional Sepsis Mortality was reduced by 50%**



Lives Saved

Northern California ministries continue to outperform PSJH system in Sepsis Mortality
Lives saved 1/2017 - 8/2018 = 204

ACT

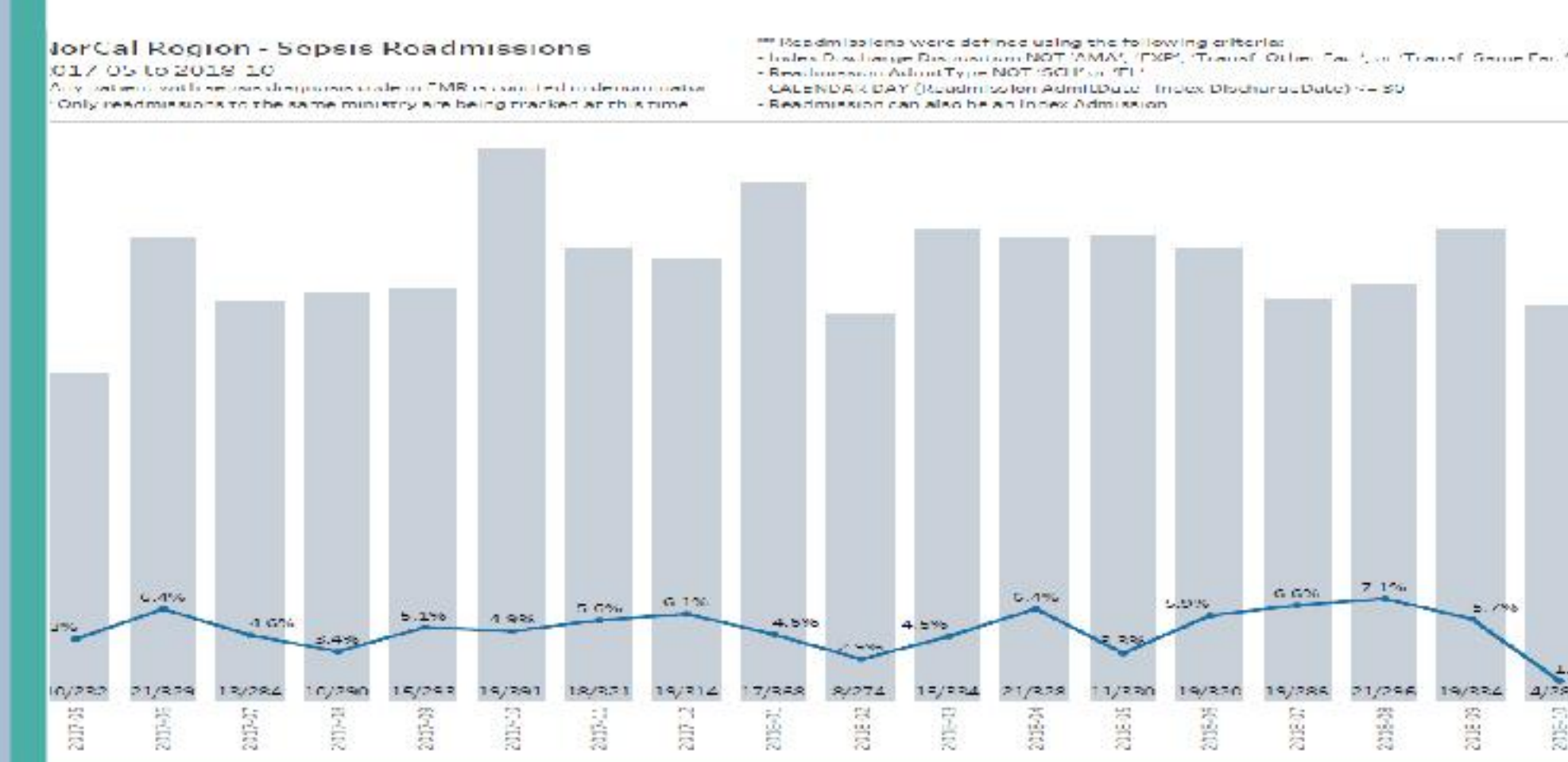
Next Steps:

ANALYZE COST PER CASE:
Establish time zero/intent to treat consistently across the Nor-Cal Region; antibiotic stewardship.

PREVENT UNNECESSARY READMISSIONS:
Activate Regional Readmission Collaborative.

OUTREACH:
Work with community partners to provide effective after-care in the home and other community settings.

Nor Cal Sepsis Readmissions



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